BRUHAT BANGALORE MAHANAGARA PALIKE

COMPERATIVE STATEMENT

Name of Work: Improvements and Asphalting to Roads at Doddabommasandra, Krishna Temple Surrounding areas in Ward No. 09 (Vidyaranyapura).

Name of Agency: Sri Nataraj. T, No. 02, 1st Main, Amarajyothi Layout, RT Nagar, Bangalore - 32.

Estimated Cost: Rs. 30,00,000.00

Approved Amount : Rs. 25,53,460.39

Work Order No. BBMP/EE/BTP/WO/118/2020-21 Dated: 25.09.2020.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly	Cum	369.50	243.88	90113.66	369.50	232.00	85724.00	369.50	369.50	232.00	85724.00	0.00	0.00	0.00	85724.00	0.00		
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge	Sqm	1869.21	111.30	208043.07	1869.21	106.00	198136.26	1869.21	1869.21	106.00	198136.26	0.00	0.00	0.00	198136.26	0.00		
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of	Sqm	460.35	742.00	341579.70	460.35	708.00	325927.80	460.35	460.35	708.00	325927.80	0.00	0.00	0.00	325927.80	0.00		
4	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength	Sqm	268.80	979.44	263273.47	268.80	934.00	251059.20	268.80	268.80	934.00	251059.20	0.00	0.00	0.00	251059.20	0.00		
5	Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @	Cum	27.66	5599.98	154895.45	27.66	5347.00	147898.02	21.27	21.27	5347.00	113730.69	0.00	0.00	0.00	113730.69	34167.33		
6	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of	Sqm	297.00	966.72	287115.84	297.00	923.00	274131.00	189.00	189.00	923.00	174447.00	0.00	0.00	0.00	174447.00	99684.00		
7	Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) etc complete as per specifications and directions of engineer in charge	m	1650.00	61.48	101442.00	1650.00	58.00	95700.00	1050.00	1050.00	58.00	60900.00	0.00	0.00	0.00	60900.00	34800.00		
8	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all	Sqm	544.93	95.40	51986.32	544.93	91.00	49588.63	988.75	681.16	91.00	61985.56	307.59	90.97	27981.46	89967.02		40378.39	
9	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in	Cum	136.23	2001.28	272634.37	136.23	1910.00	260199.30	195.56	170.29	1910.00	325253.90	25.27	1908.30	48222.74	373476.64		113277.34	
10	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg /	Sqm	544.93	28.62	15595.90	544.93	27.00	14713.11	988.75	681.16	27.00	18391.32	307.59	28.30	8704.80	27096.12		12383.01	

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2018-19+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
11	Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader,	Cum	27.25	5363.60	146158.10	27.25	5121.00	139547.25	49.44	34.06	5121.00	174421.26	15.38	4985.03	76669.76	251091.02		111543.77	
12	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials,	Sqm	2179.70	5.30	11552.41	2179.70	5.00	10898.50	988.75	988.75	5.00	4943.75	0.00	0.00	0.00	4943.75	5954.75		
13	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding	Sqm	2179.70	12.72	27725.78	2179.70	12.00	26156.40	988.75	988.75	12.00	11865.00	0.00	0.00	0.00	11865.00	14291.40		
14	Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work	Cum	87.19	7590.66	661829.65	87.19	7248.00	631953.12	39.55	39.55	7248.00	286658.40	0.00	0.00	0.00	286658.40	345294.72		
15	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick	Sqm	96.60	454.74	43927.88	96.60	433.00	41827.80	35.00	35.00	433.00	15155.00	0.00	0.00	0.00	15155.00	26672.80		
	EIRL															2270177.90		277582.51	
E1	Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechanical mix plant at	Cum							148.31	148.31	1902.24	282121.21				282121.21		282121.21	
	Sub Total				2677873.61			2553460.39								2552299.12	560865.00	559703.73	
	GST @ 12%				321344.83			306415.25								2552299.12	560865.00	559703.73	
	Miscelaneous and unforgen charges	LS			782.00											306275.89	67303.80	67164.45	
	Total				**3000000.00**			**2859875.64**								**2858575.01**	**628168.80**	**626868.17**	
																		0.045 Below	

SUMMARY:

1. **Estimated Cost : Rs. 30.00 Lakhs**
2. **Approved Cost : Rs. 25.53 Lakhs**
3. **Work Slip Amount Rs. 2,77,582.51 = 10.87 % of the Tender Amount**
4. **EIRL Amount Rs. 2,82,121.21 = 11.05 % of the Tender Amount**
5. **During execution as per requirement and site condition, the total Qty to be executed costs Rs. 28.58 Lakhs which is 0.045% BELOW the Tender cost. The proposal may kindly be approved.**

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division